

(21) Application No 7943883

(22) Date of filing 20 Dec 1979

(30) Priority data

(31) 78/49342

(32) 20 Dec 1978

(33) United Kingdom (GB)

(43) Application published  
6 Aug 1980(51) INT CL<sup>3</sup>

G09F 7/20

(52) Domestic classification  
G5C 209 ER

(56) Documents cited

GB 1541328

GB 1470520

GB 891570

GB 608648

GB 353988

(58) Field of search

G5C

(71) Applicants

John Barker,  
38 Kenilworth Gardens,  
Hornchurch,  
Essex.

(72) Inventors

John Barker

(74) Agents

E. Eder BSc, CPA, EPA,  
MITMA(54) Signs and mounting means  
therefor

(57) A sign, such as an L-plate, for a vehicle consists of a flat bag (10) having "L" markings (16, 18) on its opposite faces (15, 17) inverted with respect to one another. The sign (10) is mounted on the vehicle by attachment means (20) comprising a wire frame (21) over which the bag (10) is slipped and manually deformable wire elements (25) which are bent into conformity with

parts of the vehicle. The attachment means (20) also comprises hook-shaped wire members (27) to hook over the edge of a panel or bumper of the vehicle.

Attachment means (20) may be mounted on the vehicle with the frame (21) optionally in a vertically upstanding or depending disposition, and the relatively inverted, duplicate markings of the sign (10) permit of correct positioning of the sign (10).

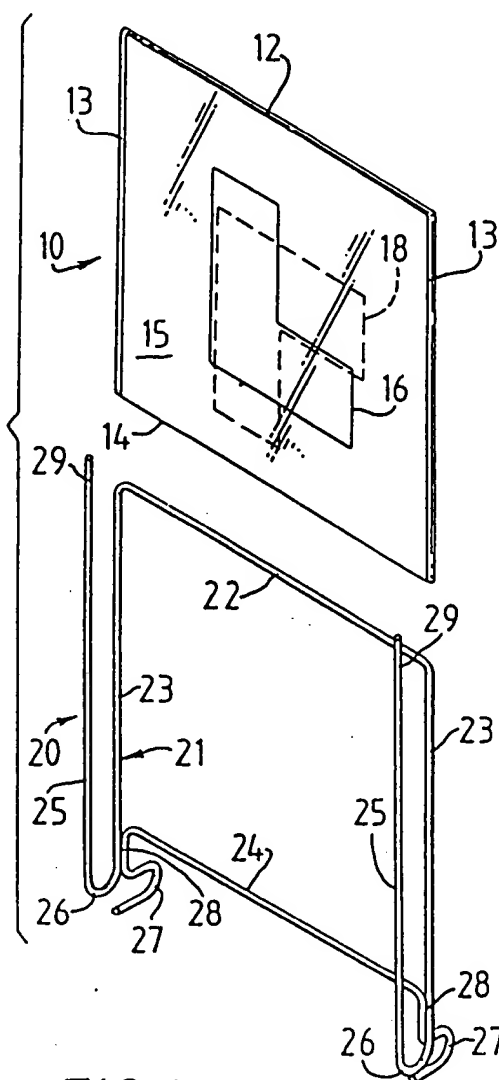


FIG. 1.



FIG. 2.

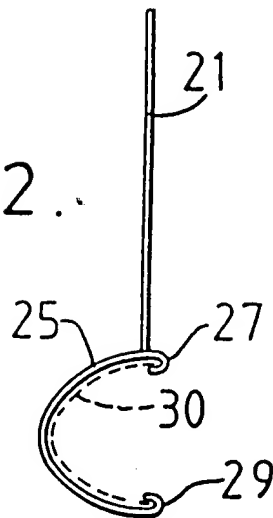


FIG. 3.

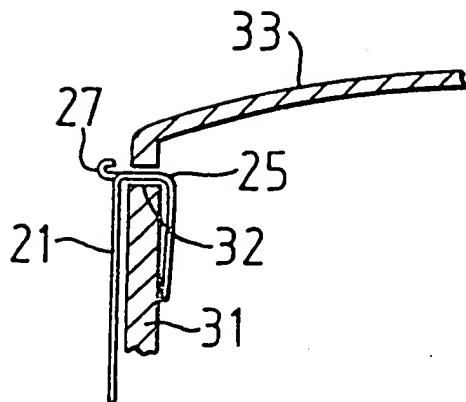
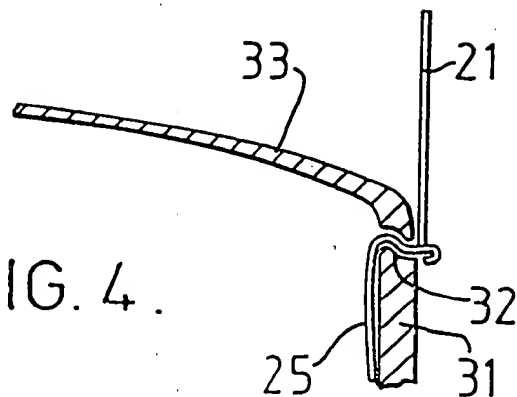


FIG. 4.



## SPECIFICATION

## Signs and mounting means therefor

5 This invention relates to signs and means for attaching such signs to motor vehicles. The most common sign which requires attachment to a motor vehicle is the so-called L-plate for use by learner drivers and learner motorcyclists. In the past such

10 L-plates have been of two forms. One form comprises thin white plates of plastics material marked in red with the regulation-sized letter L that were attached by string to the car bumper or the motorcycle forks. These plates tended to be fractured by the

15 wind and/or be blown away from the vertical plane so as to be unsuitable (if not illegal). Furthermore these plates can not readily be attached to modern cars having rubber bumpers flush with or protruding directly from the car body. Also, such string attachment is difficult to effect to the front radiator grill of a car and can not be effected to the rear of the car. The other form of prior art L-plate overcomes such attachment problems by comprising an adhesive-backed sheet that is adhered to the body of the car. It

20 is almost impossible on modern cars to find a vertical body surface at the front of a car for such adhesive attachment and, in any event, the sign can not be readily removed without damaging the body paint work. Furthermore any removed adhesive-backed sign can not be readily re-used.

Accordingly it is desirable to provide apparatus comprising a sign and means for its attachment to a vehicle, which apparatus can overcome one or more of the above-described and/or other disadvantages

35 of the prior art and can be readily detached from off a vehicle and be readily re-attached, e.g. when the sign is an L-plate and the vehicle is to be used by respectively a qualified motorist and a learner.

According to this invention there is provided

40 apparatus comprising a sign and means for its attachment to a vehicle, wherein the attachment means comprises a generally planar frame for relative sliding co-operation with the sign and further comprises manually deformable elements

45 that can be bent by hand into conformity with portions of a vehicle.

Advantageously the sign is of generally planar form and has similar markings on opposite major surfaces, the markings on one surface being inverted

50 with respect to the markings on the other surface.

Preferably the sign comprises a flat open-mouthed bag of plastics material slidable over said frame.

Preferably the sign is dimensionally of the order of 7 inches square, the sign marking consisting of the

55 letter L in red on a white background.

Advantageously said manually deformable elements comprise two spaced apart lengths of wire extending from one end of the frame, preferably coplanar with the two respective sides of the frame.

60 Preferably said frame is formed of one or more bent wire lengths.

stituted by appropriately bent extensions of a length of wire forming said one end of the frame and said elements are constituted by elongate extensions of another length of wire forming the remaining three

70 sides of the frame, the two lengths of wire being joined (e.g. soldered) together adjacent the hook-shaped members.

By way of example, one embodiment of this invention will now be described with reference to the

75 accompanying drawings of which

*Figure 1* is an exploded perspective view of a sign 10 and means 20 for attaching the sign 10 to a vehicle; and

*Figures 2, 3 and 4* are schematic sectional views

80 illustrating alternative modes of attaching the sign 10 to a vehicle using the attachment means 20.

It will be appreciated that although this illustrated embodiment relates to an L-plate type of sign, other types of sign (e.g. military vehicle signs, temporary motor traders registration plates and the like) are intended to be encompassed by the present invention.

As illustrated in *Figure 1*, the sign 10 is a flat, white-coloured polythene bag approximately 7 inches square formed by heat sealing two superimposed polythene sheets along a top edge 12 and the two side edges 13 to leave an open mouth 14. Alternatively the bag may be formed from a single elongate sheet folded in two at 12 and heat sealed merely along the side edges 13. The front face 15 of the white-coloured bag is marked (as at 16) in red with a letter "L" having a maximal length 3½ inches, a maximal height 4 inches and a width 19 inches (in accordance with the appropriate regulations). The rear face 17 of the bag (not shown) is similarly marked as at 18 with an inverted letter "L", i.e. upside-down with respect to the letter "L" at 16.

95

The attachment means 20 comprises a generally square, wire frame 21 having a top piece 22, two side pieces 23 and a bottom piece 24. The top piece 22 and two side pieces 23 are integral with one another and formed from a length of wire approximately 14 inches longer than that required to form them thereby to form extension elements 25 projecting from the ends of the side pieces 23 remote from the top piece 22 by a distance of about 7 inches each. These two spaced apart elements 25 are bent back as at 26 to lie generally alongside the side pieces 23 and rearwardly of the vertical plane containing said

105 pieces 22, 23 and 24. The bottom piece 24 is formed from another length of wire that is some 4 or 5 inches longer than necessary, the end portions of the wire being bent into hook-like formations 27. The two lengths of wire are soldered or otherwise joined to one another as at 28 such that the hook-like formations 27 are directed forwardly then rearwardly of the vertical plane containing said pieces 22, 23 and 24.

110

Several methods may be adopted to mount the sign 10 on a vehicle using the attachment means 20. For example, to mount the sign 10 on the vehicle

125 front or rear bumper or fender 29 (*Figure 2*) the